

FIG. 1

Figure 1a: FUNCTIONAL BLOCK DIAGRAM OF SYSTEM 100 (includes 5 schematics)

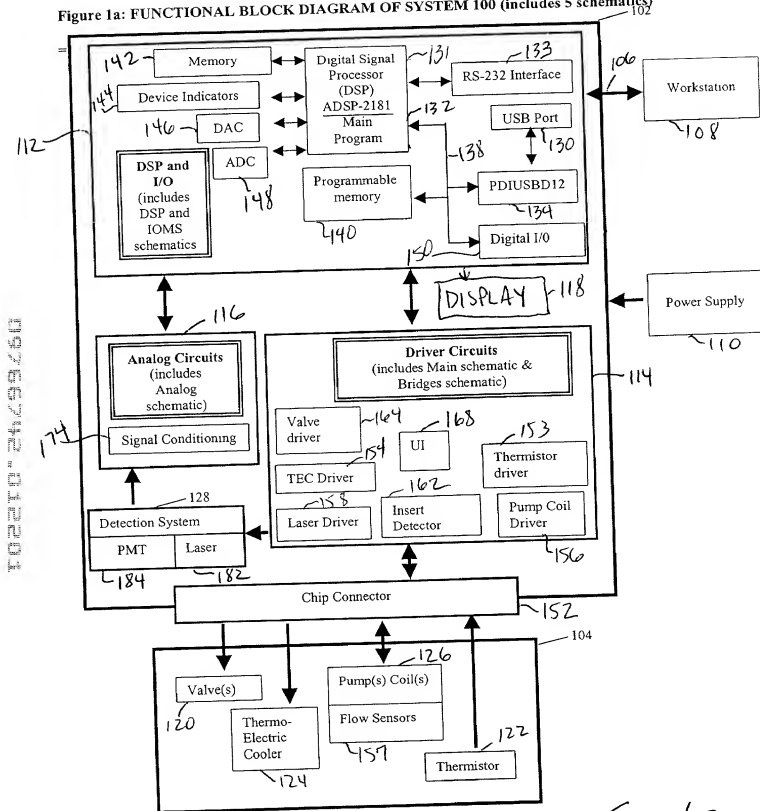
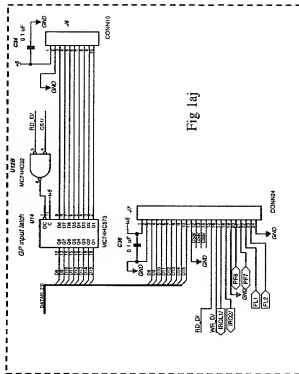
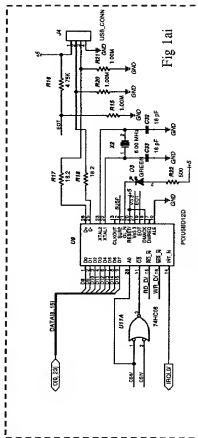
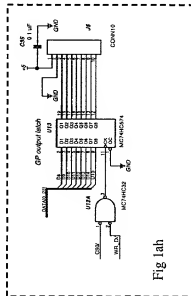
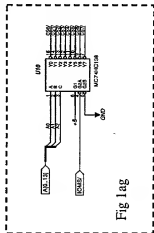
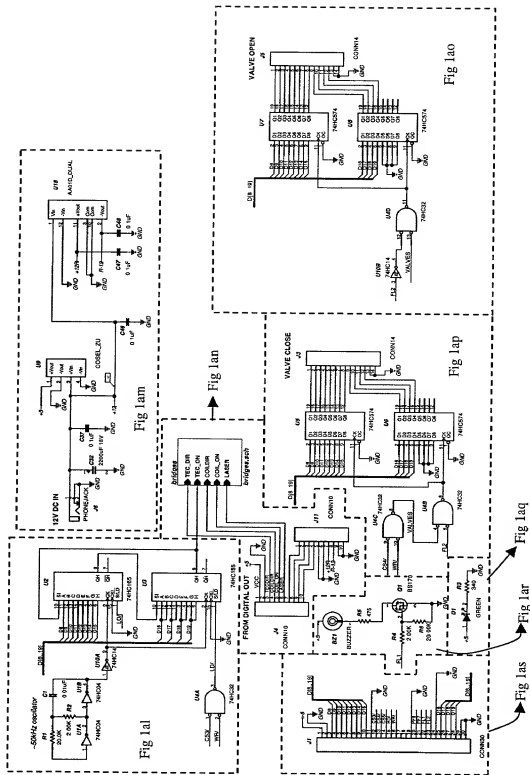


FIG. 1a

DSP Schematic



IOMS Schematic



Main Schematic

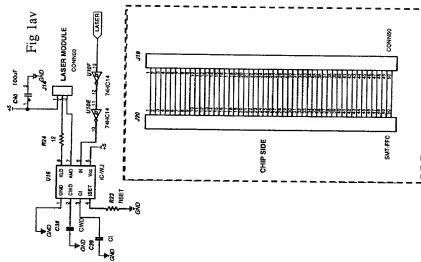
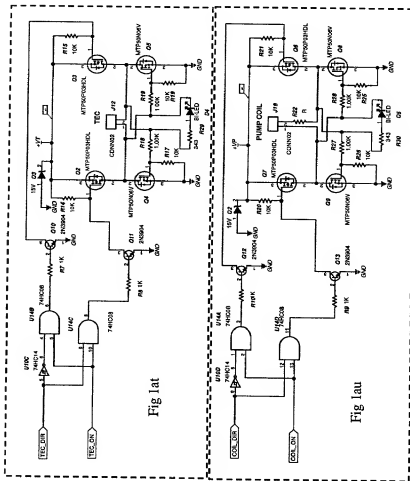


Fig 1a

Bridges Schematic

Top View

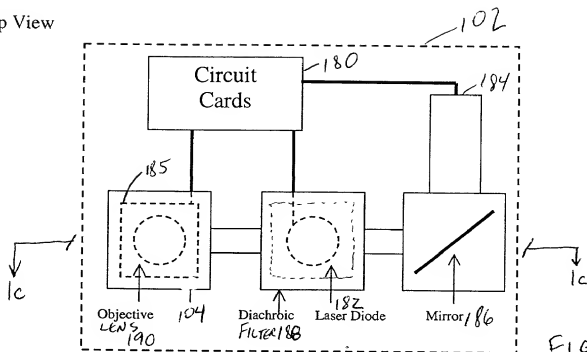


FIG. 1b

Side View Cross-Section

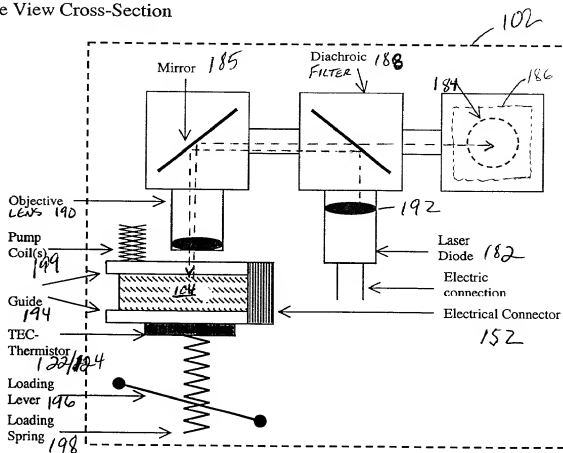
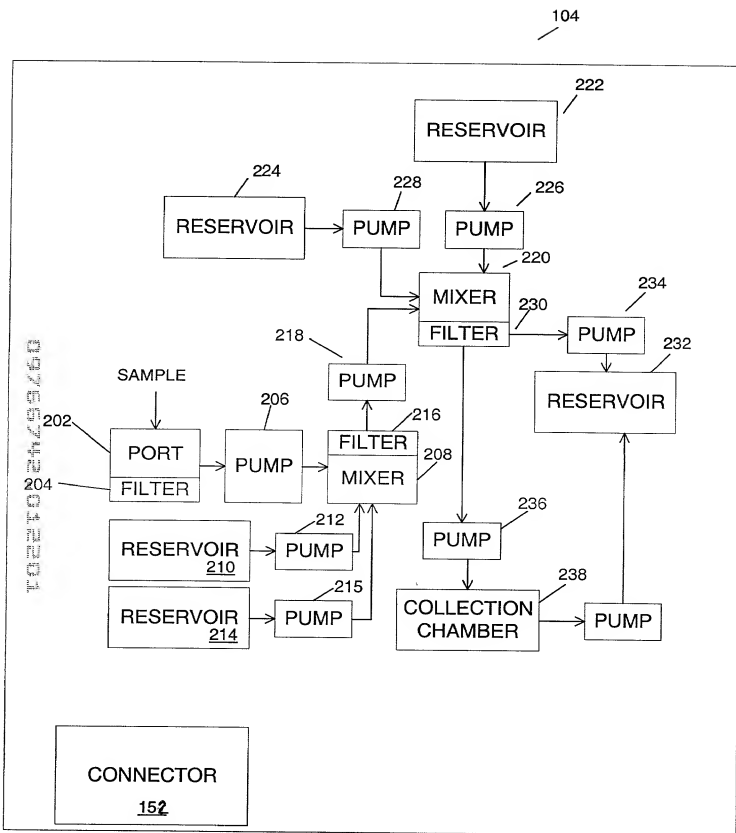


FIG. 1c



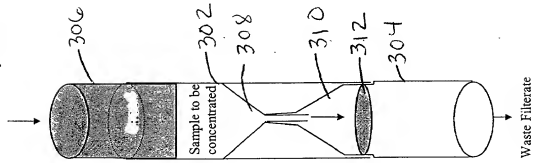


FIG. 3a

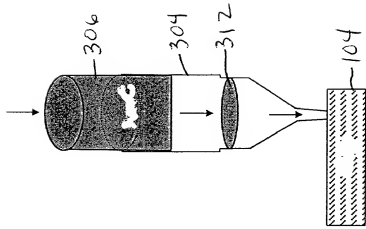
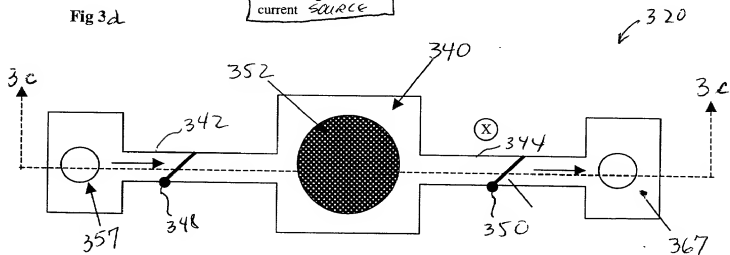


FIG. 3b

[illegible]

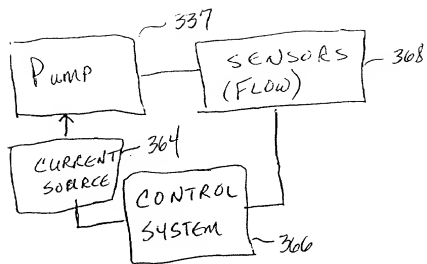
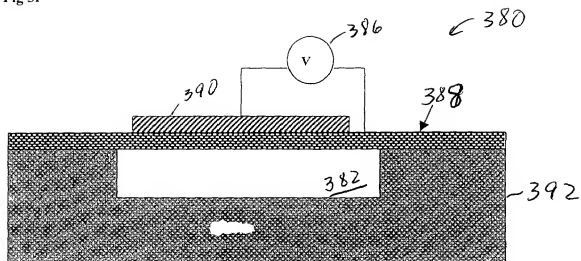


Fig. 3e

Fig 3f



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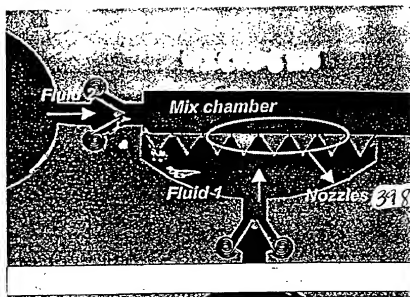


FIG. 3g

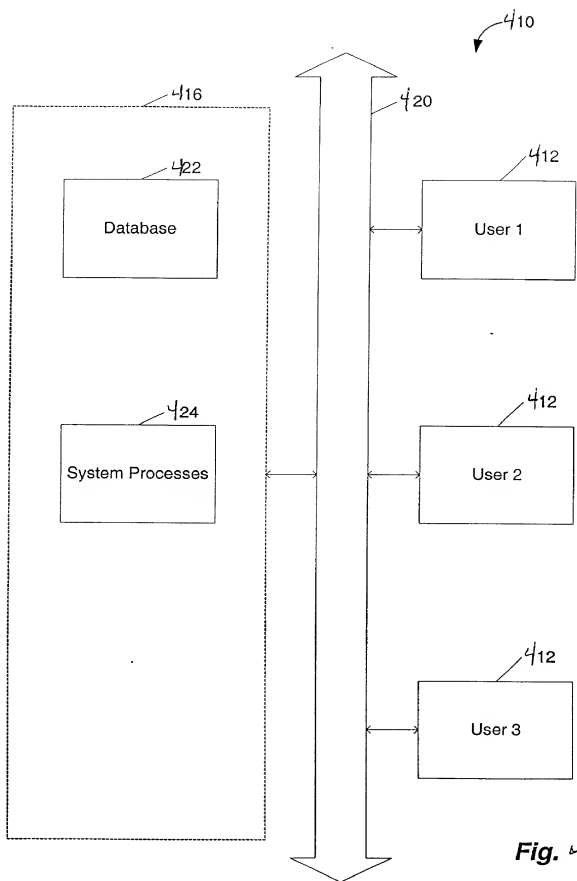


Fig. 4